

PTO/SB/01 (08-03)

Approved for use through 07/31/2008, OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**Declaration
Submitted
With Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number	PUS1431 (1578.107)
First Named Inventor	David P. Yach, et.al
COMPLETE IF KNOWN	
Application Number	10/775,820
Filing Date	February 10, 2004
Art Unit	Not yet assigned
Examiner Name	Not yet Assigned

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Apparatus, And Associated Method, For Facilitating Synchronization of Databases Connected By Way of A
Radio Air Interface.

(Title of the Invention)

the specification of which



Is attached hereto

OR



was filed on (MM/DD/YYYY)

02/10/2004

as United States Application Number or PCT International

Application Number

10/775,820

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☒ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

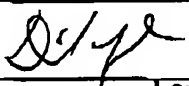
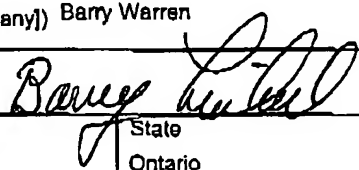
(Page 1 of 2)

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: 30973		OR <input type="checkbox"/> Correspondence address below	
Name			
Address			
City		State	ZIP
Country	Telephone	Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) David Paul		Family Name or Surname Yach	
Inventor's Signature 		Date April 19/04	
Residence: City Waterloo	State Ontario	Country Canada	Citizenship Canada
Mailing Address 254 Castlefield Avenue			
City Waterloo	State Ontario	ZIP N2K 2N1	Country Canada
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Barry Warren		Family Name or Surname Linkert	
Inventor's Signature 		Date Apr 16, 2004	
Residence: City RR2 Petersburg	State Ontario	Country Canada	Citizenship Canada
Mailing Address 207 Woodridge Drive			
City RR2 Petersburg	State Ontario	ZIP N0B 2H0	Country Canada
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the 2 supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

PUS1431 (1578.107)

PTO/SB/02A (08-03)

Approved for use through 08/31/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet
Page <u>3</u> of <u>4</u>	

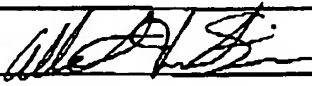
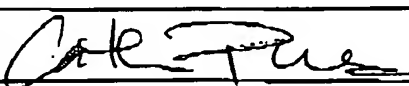
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jie		Zhu	
Inventor's Signature		Date <u>Apr 19, 2004</u>	
Residence: City Kitchener	State Ontario	Country Canada	Citizenship PR China
Mailing Address 215 - 215 Victoria Street South			
Mailing Address			
City Kitchener	State Ontario	Zip N2G 4Z7	Country Canada
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Salim Hayder		Omar	
Inventor's Signature		Date <u>APR 19, 2004</u>	
Residence: City Waterloo	State Ontario	Country Canada	Libya Citizenship
Mailing Address 5-460 Beechwood Place			
Mailing Address			
City Waterloo	State Ontario	Zip N2T 1Z1	Country Canada
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Piotr K		Tysowski	
Inventor's Signature		Date <u>APRIL 19, 2004</u>	
Residence: City Waterloo	State Ontario	Country Canada	Canada Citizenship
Mailing Address 459 Bluestream Road			
Mailing Address			
City Waterloo	State Ontario	Zip N2K 2R2	Country Canada

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

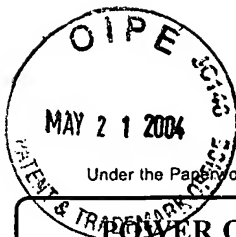
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet <div style="text-align: right;">Page <u>4</u> of <u>4</u></div>
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Albert		Hecht-Enns	
Inventor's Signature 		Date <u>April 19, 2004</u>	
Residence: City Waterloo	State Ontario	Country Canada	Citizenship Canada
Mailing Address 845 Creekside Drive			
Mailing Address			
City Waterloo	State Ontario	Zip N2V 2S6	Country Canada
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Catherine		Phillips	
Inventor's Signature 		Date <u>April 20, 2004</u>	
Residence: City Waterloo	State Ontario	Country Canada	Canada Citizenship
Mailing Address 437 Laurel Gate Drive			
Mailing Address			
City Waterloo	State Ontario	Zip N2T 2S5	Country Canada
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Kathy Ann		Pereira	
Inventor's Signature <u>Kathy Pereira</u>		Date <u>April 20/04</u>	
Residence: City Waterloo	State Ontario	Country Canada	Canada Citizenship
Mailing Address 848 Birchmount Drive			
Mailing Address			
City Waterloo	State Ontario	Zip N2V 2R7	Country Canada

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/80 (12-03)
Approved for use through 11/30/2005. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby appoint:

☒ Practitioners associated with the Customer Number:

30973

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Assignee Name and Address:

Research in Motion Limited
295 Philip Street
Waterloo, Ontario N2L 3W8
CANADA

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

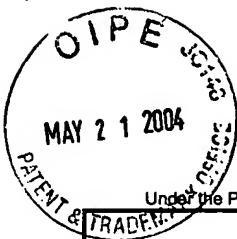
SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Name	Mihal Lazaridis	Date	JAN 16, 2004
Signature		Telephone	519-888-7465
Title	President & Co-CEO		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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PTO/SB/96 (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Research in Motion Limited

Application No./Patent No.: 10/775,820 Filed/Issue Date: February 10, 2004

Entitled: Apparatus, and Associated Method, for Synchronization of Databases Connected by Way of a Radio Air Interface

Research in Motion Limited, a Canadian corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or

2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

16 May 04
Date

214-706-4200

Telephone number

Robert H. Kelly

Typed or printed name

Robert H. Kelly
Signature

Attorney for Assignee

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE, (hereinafter referred to as the "ASSIGNOR(S)");

David Paul Yach, Waterloo, Ontario, N2K 2N1 Canada; **Barry Warren Linkert**, RR2 Petersburg, Ontario, N0B 2H0 Canada; **Jie Zhu**, Kitchener, Ontario, N2G 4Z7 Canada; **Salim Hayder Omar**, Waterloo, Ontario, N2T 1Z1 Canada; **Piotr K. Tysowski**, Waterloo, Ontario, N2K 2R2 Canada; **Albert Hecht-Enns**, Waterloo, Ontario, N2V 2S6 Canada; **Catherine Phillips**, Waterloo, Ontario, N2T 2S5 Canada; **Kathy Ann Pereira**, Waterloo, Ontario, N2V 2R7 Canada;

has/have invented certain new and useful improvements in an invention entitled "**APPARATUS, AND ASSOCIATED METHOD, FOR FACILITATING SYNCHRONIZING DATABASES CONNECTED BY WAY OF A RADIO INTERFACE**," for which an application for United States Letters Patent has been filed (Application No. 10/775,820 filed on February 10, 2004), and as further identified by Docket No. **PUS-1431 (1578.107)** and RIM Reference No. **[ID-406]**; and

WHEREAS, **RESEARCH IN MOTION LIMITED**, (hereinafter referred to as the "ASSIGNEE"), a corporation organized under the laws of the Province of Ontario, CANADA, having a place of business at 295 Phillip Street, Waterloo, Ontario, CANADA, N2L 3W8, is desirous of acquiring the full and exclusive right, title and interest in and to said application inclusive of any and all priority rights derived therefrom and the inventions therein disclosed, and in and to all Letters Patent, both United States and foreign, to be granted for said inventions;

NOW, THEREFORE, for a valuable consideration, the receipt whereof is hereby acknowledged, I/WE, ASSIGNOR(S) does/do hereby confirm sale, assignment, transfer, and set over, and hereby sell, assign, transfer, and set over unto the ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest in and to the aforesaid application for United States Letters Patent inclusive of any and all priority rights derived therefrom, and the inventions therein disclosed, and in and to all Letters Patent and issues thereof which may be granted upon said application and in and to all Letters Patent which may be issued upon any substitutes, divisions, or continuations of said application, and in and to any and all Letters Patent which may be granted for said inventions in any foreign country or countries; the same to be held and enjoyed by the ASSIGNEE for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which said Letters Patent and reissues thereof may be granted as fully and entirely as the same would have been held and enjoyed by me (us) had this assignment and sale not been made;

AND I/WE, ASSIGNOR(S) hereby agrees/agree to execute, upon request, any and all further papers which may be necessary or desirable to enable the ASSIGNEE, its successors and assigns, to file and prosecute said application, and any and all substitutes, divisions, or continuations thereof, and any and all reissues of the Letters Patent granted upon said application, or upon any substitutes, divisions, or continuations thereof, and any and all applications for foreign Letters Patent on said inventions; and ASSIGNOR(S) further agrees/agree to execute any and all further papers which may be necessary or desirable to vest or perfect the title of ASSIGNEE, its successors and assigns, in and to said application and the inventions therein disclosed, and in and to any and all Letters Patent and reissues thereof, both United States and foreign, which may be granted upon said application, and any substitutes, divisions, or continuations thereof, and upon any foreign applications.

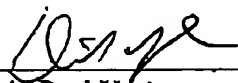
Atty. Docket No. PUS1431
Client/Matter No. 1578.107
30973

PATENT
CUSTOMER ID NO.

AND I/WE, ASSIGNOR(S) hereby authorizes/authorize and requests/request The Commissioner of Patents to issue each and every Letters Patent to be granted upon the aforesaid application for United States Letters Patent, and upon any and all substitutes, divisions, and continuations of said application, and each and every reissue of said Letters Patent, to the ASSIGNEE, its successors and assigns, as the assignee of the entire right, title and interest therein, in accordance with this assignment.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: April 19, 2007



David Paul Yach
254 Castlefield Avenue
Waterloo, Ontario
N2K 2N1 CANADA

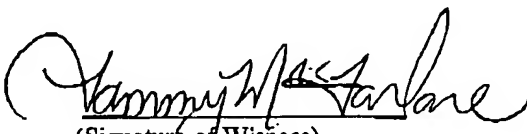
STATEMENT BY WITNESS

I, Tammy MacFarlane, whose full Post Office address is

533 Cairncroft Pl. Waterloo, Ont N2T 2J5
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: Apr 19, 2007



(Signature of Witness)

Atty. Docket No. PUS1431
Client/Matter No. 1578.107
30973

PATENT
CUSTOMER ID No.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date:

Apr 16, 2004

Barry Warren Linkert
Barry Warren Linkert
207 Woodridge Drive
RR2 Petersburg, Ontario
N0B 2H0 CANADA

STATEMENT BY WITNESS

Tommy MacFarlane, whose full Post Office address is

533 Cairnbrook Pl. Waterloo, Ont N2T 2J5
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date:

April 16, 2004
sm

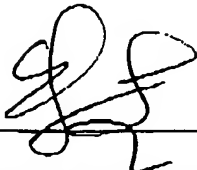
Tommy MacFarlane
(Signature of Witness)

Atty. Docket No. PUS1431
Client/Matter No. 1578.107
30973

PATENT
CUSTOMER ID NO.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: Apr 19, 2004



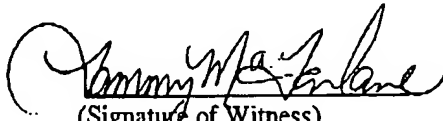
Jie Zhu
215-215 Victoria Street South
Kitchener, Ontario
N2G 4Z7 CANADA

STATEMENT BY WITNESS

I, Tommy MacFarlane, whose full Post Office address is
533 Cairncroft Pl. Waterloo, Ont N2T 2J5
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: April 19, 2004




(Signature of Witness)

Atty. Docket No. PUS1431
Client/Matter No. 1578.107
30973

PATENT
CUSTOMER ID No.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: APR 19, 2004



Salim Hayder Omar
5-460 Beechwood Place
Waterloo, Ontario
N2T 1Z1 CANADA

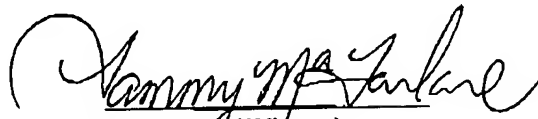
STATEMENT BY WITNESS

I, Tommy MacFarlane, whose full Post Office address is

533 Cairncroft Pl. Waterloo, Ont N2T 2T5
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: April 19, 2004



(Signature of Witness)

Atty. Docket No. PUS1431
Client/Matter No. 1578.107
30973

PATENT
CUSTOMER ID No.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: APRIL 19, 2004

P. Tysowski
Piotr K. Tysowski
459 Bluestream Road
Waterloo, Ontario
N2K 2R2 CANADA

STATEMENT BY WITNESS

I, Jimmy MacFarlane, whose full Post Office address is

533 Cairncroft Pl. Waterloo, Ont N2T 2J5
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: April 19, 2004


Jimmy MacFarlane
(Signature of Witness)

Atty. Docket No. PUS1431
Client/Matter No. 1578.107
30973

PATENT
CUSTOMER ID No.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: April 19, 2004


Albert Hecht-Enns
845 Creekside Drive
Waterloo, Ontario
N2V 2S6 CANADA

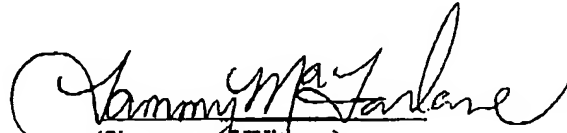
STATEMENT BY WITNESS

Tommy MacFarlane, whose full Post Office address is

533 Carncroft Pl. Waterloo Ont. N2T 2J5
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: April 19, 2004

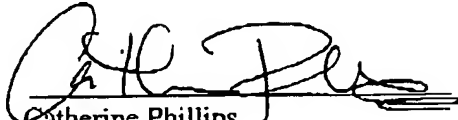

(Signature of Witness)

Atty. Docket No. PUS1431
Client/Matter No. 1578.107
30973

PATENT
CUSTOMER ID NO.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: April 20, 04


Catherine Phillips
437 Laurel Gate Drive
Waterloo, Ontario
N2T 2S5 CANADA

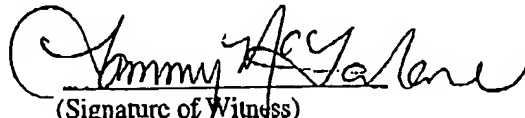
STATEMENT BY WITNESS

I, Tammy M^A Freeman, whose full Post Office address is

533 Cairncroft Rd. Waterloo, Ont N2T 2J5
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: Apr 20/04


(Signature of Witness)

Atty. Docket No. PUS1431
Client/Matter No. 1578.107

PATENT
CUSTOMER ID No. 30973

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: April 20/04

Kathy Pereira
Kathy Ann Pereira
848 Birchmount Drive
Waterloo, Ontario
N2V 2R7 CANADA

STATEMENT BY WITNESS

I, Jimmy MacFarlane, whose full Post Office address is

533 CAMERON DR. WATERLOO ONT N2T 2J5
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: Apr 20/04

Jimmy MacFarlane
(Signature of Witness)